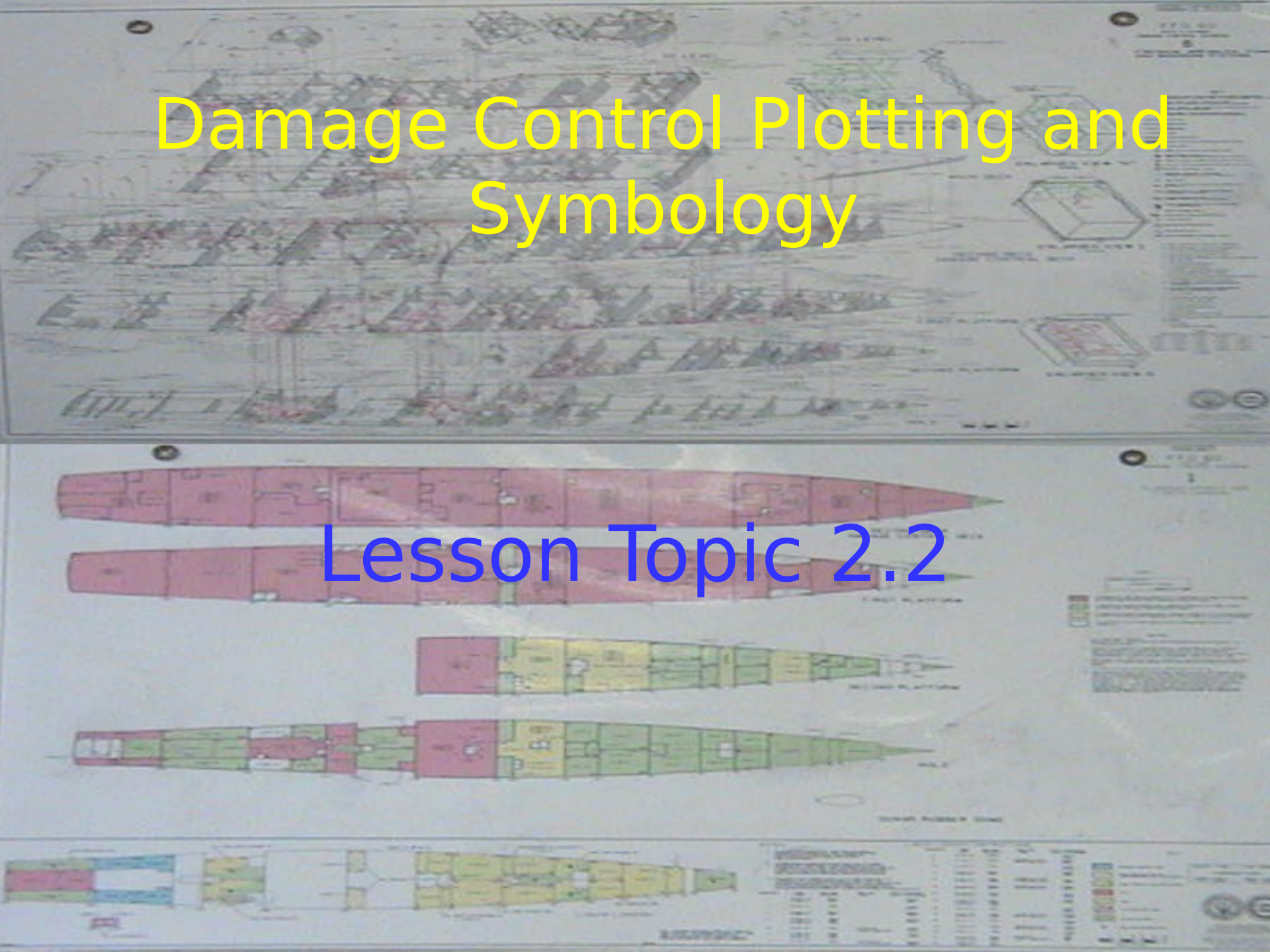


Damage Control Plotting and Symbology

Lesson Topic 2.2



Enabling Objectives



- ① Select statements which describe the purpose of DC diagrams, status boards and logs
- Given a DC scenario record damage control messages
- Record casualties on isometric DC diagrams
- Describe the purpose of DC diagram status boards and logs
- Match damage control symbols to the situation they represent

Mechanics of plotting



- Subdivision DC Plates number 2 and 3
 - All information initially plotted on these plates
 - They provide a summary of:
 - | All damage reported
 - Status of recovery actions
 - Repairs/overhaul
 - After the initial damage plotted, the specific system plate is used

Mechanics of plotting



- Plotting Methods
 - Line Method
 - Box Method
 - Column Method
- Plotting Tips
 - Use a dash, followed by the letter "P" or "S" to show fire boundaries
 - "P" = primary
 - "S" = secondary

Mechanics of plotting



- Plotting Methods (cont.)
 - Circle Cut Out Valve(s) (COV)
 - Use an "X" on systems at the point a rupture occurs
 - Tracing a system, circle the valves and indicate whether open or shut
 - When making casualty power runs, circle source of power and terminals

Mechanics of plotting



■ Symbology

■ Information Required on Message Blanks

- Damage must be pinpointed
 - Compartment number, frame number, side etc..
- messages must have the time the message was written
- messages must have who it is from and to whom it is going

Mechanics of plotting



□ Symbology (cont.)

- Fire boundaries and flooding reports must have primary and secondary boundaries listed
- Installed system messages require the following
 - | Time activated/released, secured
 - Group number (if required)
- Ruptured lines message will contain cut-out valve(s) used

Mechanics of plotting



□ Symbology (cont.)

- Hot and jammed, unjammed, sprung fitting, and shoring messages will have the type of fitting on them plus the damage control fitting number
- Flooding water, progressive flooding, progressive flooding contaminated, and fire fighting water messages will contain the number of inches or feet
- Only one report per message blank

Mechanics of plotting



- Personnel Requiring Symbology Knowledge
 - DCA
 - Repair Party Leader
 - On scene leader
 - Team Leader
 - Investigators
 - Messengers/Phone talkers
 - Plotter
 - All hands

Summary and Review



- Mechanics of Plotting
- Subdivision and Access Plates
- Plotting Methods
- Plotting Tips
- Symbolology
- Information Required on Message Blanks
- Personnel Requiring Symbolology Knowledge